



## Puros® Block Allograft



### Changing the concept of block grafting.

#### Documented Successful Bone Regeneration

- *Puros* Block Allograft is a clinically documented solution for effectively restoring volume to severely resorbed ridges.<sup>1-3</sup>
- Documented graft and implant success rates<sup>1-3</sup> make it a viable alternative to autogenous block grafting.<sup>4-5</sup>
- Multicenter data reported 91% *Puros* Block Allograft and 99% *Tapered Screw-Vent*® Implant survival at 3 years.<sup>1</sup>
- Corticocancellous structure retains the remodeling capabilities of cancellous bone with the strength advantages of cortical bone needed for dimensional ridge augmentation.<sup>1-3</sup>
- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen and mineral composition, trabecular pattern, and original porosity.<sup>1-2,6</sup>

#### Time-Saving

- By eliminating the need to harvest an autogenous graft, *Puros* Block Allograft usage saves time, helps to reduce pain, and can shorten the patient's rehabilitation period.

#### Tutoplast® Process

- Sterilized and preserved using the proprietary *Tutoplast* Process, *Puros* Block Allograft offers a high-quality option for successful bone regeneration.

#### Puros Allografts – Filling nature's void.

A comprehensive line of allografts for bone and soft tissue augmentation needs.

*Clockwise from top left: Puros* Demineralized Bone Matrix (DBM) Putty, *Puros* Pericardium Allograft Membrane, *Puros* Dermis Allograft Tissue Matrix, *Puros* Cancellous Particulate Allograft, *Puros* Cortical Particulate Allograft, *Puros* Block Allograft



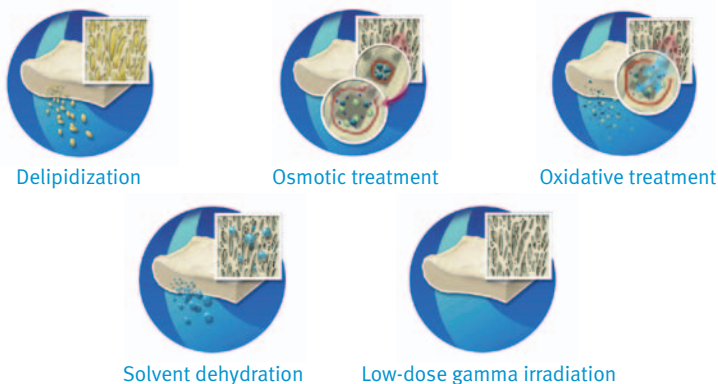
# Puros Block Allograft

## The unique Tutoplast Process

The proprietary *Tutoplast* Process assures the highest standard of tissue safety and quality with minimal risk of disease transmission.<sup>6,8</sup>

The process preserves the valuable collagen matrix and tissue integrity while inactivating pathogens and gently removing unwanted materials, such as cells, antigens and viruses.<sup>6,8</sup> The result is safe, biocompatible tissue.

For over 35 years, *Tutoplast*-processed tissues have been safely used in more than three million procedures?



## Clinical advantages of Puros Block Allografts

- Outcomes<sup>1-3</sup> have been comparable to those generally reported for autogenous block grafting, but without the need for a second surgery to harvest native bone.<sup>4-7</sup>
- Clinical reports have documented the ability to stabilize implants 5-6 months after grafting.<sup>1-3</sup>
- Quick hydration, five-year shelf life and room temperature storage.

## Take a closer look



**Figure A** Preoperative: narrow ridge.



**Figure B** Puros Block Allograft in place.



**Figure C** Postoperative: Puros Block Allograft incorporated in bone after healing.



**Figure D** Rehabilitated ridge with implant restoration.

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## Ordering information

Catalog Number	Description
8220Z	Puros Block Allograft, 15x10x9mm
8221Z	Puros Block Allograft, 15x15x9mm

To learn more about Puros Block Allograft, please visit us online at [www.zimmerdental.com](http://www.zimmerdental.com) or to speak to a sales representative, call 1 (800) 854-7019.

<sup>1</sup> Keith JD Jr, Petrunaro P, Leonetti JA, Elwell CW Jr, Zeren KJ, Caputo C et al. Clinical and histologic evaluation of a mineralized block allograft: results from the developmental period (2001-2004). *Int J Periodontics Restorative Dent.* 2006;26:321-327.

<sup>2</sup> Leonetti JA, Koup R. Localized maxillary ridge augmentation with a block allograft for dental implant placement: case reports. *Implant Dent.* 2003;12:217-226.

<sup>3</sup> Keith JD Jr, Salama MA. Ridge preservation and augmentation using regenerative materials to enhance implant predictability and esthetics. *Compend Contin Educ Dent.* 2007;28:614-623.

<sup>4</sup> Schwartz-Arad D, Levin L, Sigal L. Surgical success of intraoral autogenous block onlay bone grafting for alveolar ridge augmentation. *Implant Dent.* 2005;14:131-138.

<sup>5</sup> Levin L, Nitzan D, Schwartz-Arad D. Success of dental implants placed in intraoral block bone grafts. *J Periodontol.* 2007;78:18-21.

<sup>6</sup> Schoepf C. Allograft safety: efficacy of the Tutoplast® process. *International Magazine of Oral Implantology.* 2006;1:10-15.

<sup>7</sup> von Arx T, Buser D. Horizontal ridge augmentation using autogenous block grafts and the guided bone regeneration technique with collagen membranes: a clinical study with 42 patients. *Clin Oral Impl Res.* 2006;17:359-366.

<sup>8,9</sup> References available upon request.

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